

Sacred Heart College (Autonomous)

Department of Economics

MA ECONOMICS

Course plan

Academic Year: 2018 - 19

Semester II

Programme Outcome	
PO 1	Critical Thinking: Gather, analyze, synthesize, evaluate and apply information for the purposes of innovation, inquiry, and creative thinking.
PO 2	Effective Communication: Develop, interpret, and express ideas and information through written, oral and visual communication that is adapted to purpose, structure, audience, and medium.
PO 3	Effective Citizenship: Analyze differences and commonalities among peoples, ideas, aesthetic traditions, and cultural practices to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities.
PO 4	Empirical and Quantitative Skills - Apply mathematical, logical and scientific principles and methods through the manipulation and analysis of numerical data or observable facts resulting in informed conclusions.
PO5	Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
PO 6	Global Perspective: Understand the economic, social and ecological connections that link the world's nations and people.

PROGRAM SPECIFIC OUTCOMES	
PSO 1	Applies the tools and methods of economics, statistics and econometrics for solving various theoretical and practical problems.
PSO 2	Evaluate environmental, developmental, national and international economic issues in multi-dimensional perspectives.
PSO 3	Interpret economic theories and principles and appraise the impact of local, national and global economic changes and public policy on various sectors and markets.
PSO 4	Evaluate of economic theories, policies and socio-economic issues critically and creates new knowledge, by synthesizing existing knowledge and applying economic reasoning.
PSO 5	Formulates research problems, collects and, analyses empirical data by applying economic concepts and theories and prepares study reports and research papers
PSO 6	Creates new knowledge, by synthesizing existing knowledge and evaluating various socio- economic issues using economic reasoning

PROGRAMME	MASTER OF ECONOMICS	SEMESTER	2
COURSE CODE AND TITLE	16P2ECOT06 : MICROECONOMIC THEORY- II	CREDIT	4
HOURS/WEEK	5	HOURS/SEM	90
FACULTY NAME	Dr. Madhusudhanan Nair		

	COURSE OUTCOMES	PO/ PSO	CL
CO 1	Develops skill in formulating business strategy in the context of market imperfections	PO1, PSO6,	Ap
CO 2	Understands the basic theory of distribution and the source of income generation	PO1, PSO1, PSO5	U
CO 3	Understand the use of game theory of models in decision making	PO1, PO4, PO6, PSO1, PSO4, PSO6	S
CO 4	To understand the different managerial theories of the firm	PO1, PO2, PO5, PSO1, PSO3, PSO4	An
CO 5	Analyses the impact of micro decisions on macro instability	PO1, PO3, PO4, PO6, PSO2, PSO6	U
CO6	Develops skill in applying compensation principle under situations where a proposed change causes damage to someone but gains to others	PO1, PO4, PSO1.	Ap

CL* Cognitive Level

R- Remember

U- Understand

A- Apply

An- Analyze

E- Evaluate

Cr- Create

CO - PO/PSO Mapping

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	2											2
CO 2	1						3				2	
CO 3	1			1		1	1			2		3
CO 4	1	2			1		2		3	2		
CO5	2		1	1		2		2				1
CO 6	2			1			2					

SESSION	TOPIC	LEARNING RESOURCES	VALUE ADDITIONS	COURSE OUTCOME
MODULE I				
1	Evaluates alternative welfare criteria	PPT/ Lecture	video	CO 1
2	Oligopoly- features- real world situations	PPT/Lecture		CO 1
3	Non collusive Oligopoly	PPT/Lecture	video	CO 1
4	Collusive Oligopoly	PPT/Lecture	e-resource	CO 1
5	Cournot model	PPT/Lecture		CO 1
6	Cournot model- behaviour pattern	PPT/Lecture		CO 1
7	Cournot model- equilibrium	Lecture		CO 1
8	Bertrand Model vs Cournot model	Lecture		CO 1
9	Bertrand model-ctd	Lecture		CO 1
10	Bertrand model -equilibrium	Lecture		CO 1
11	Chamberlin- model	Lecture		CO 1
12	Chamberlin- model	PPT/Lecture		CO 1
13	Chamberlin- model Cont.	PPT/Lecture		CO 1
14	Kinky demand model	PPT/Lecture		CO 2
15	Kinky model – and demand functions	PPT/Lecture		CO 2
16	Kinky model & price rigidity	PPT	e-resource	CO 2
17	Cartels	PPT	e-resource	CO 2
18	Cartels-types	PPT/Lecture		CO 2
19	Mergers	Lecture	video	CO 2
20	Price leadership types	Lecture	video	CO 2
21	CIA			
22	Price leadership- barometric			CO 2
23	Dominant firm price leadership			CO 2
24	Low cost firm price leadership	PPT/Lecture		CO 2
25	Game theory introduction	PPT/Lecture	Role play	CO 2
26	2 person zero sum game	PPT /Lecture	Role play	CO 2
27	Non zero sum game			CO 2
28	Nash equilibrium			CO 2
29	Prisoners dilemma	PPT /Lecture	Video	CO 2
30	Dominant strategy	PPT /Lecture		CO 2
31	Minimax maximin mixed strategies	Lecture		CO 2
32	Saddle point	PPT/Lecture		CO 2
33	Coop Vs Non coop games	PPT/Lecture	e- resource	CO 2
MODULE II				
34	Hall and Hitch report	Lecture		CO 2
35	Critique of marginal analysis	Lecture		CO 2
36	Full cost pricing	Lecture		CO 2
37	Models of full cost pricing	Lecture		CO 2
38	Objectives of the firm	Lecture		CO 2
39	Sales revenue maximisation	Lecture	Group Discussion	CO 2
40	Sales revenue maximization(cont.)			CO 3
41	Sales revenue maximization(cont.)			CO 3
42	Marris model			CO 3
43	Marris model (Cont.)			CO 3
44	Williamson model	PPT/Lecture		CO 3
45	Behavioral model	PPT/Lecture		CO 3

46	Satisficing behavior	PPT/Lecture		CO 3
47	Firm as a coalition- conflict resolution	PPT/Lecture		CO 3
48	Bains model- LP	Lecture	Quiz	CO 3
MODULE III				
49	Theories of distribution	Lecture		CO 3
50	Marginal productivity theory	Lecture	Q & Ans Session	CO 3
51	Marginal productivity theory Cont.	Lecture	Q & Ans Session	CO 3
52	Eulers theorem	PPT/Lecture		CO 4
53	Input substitution elasticity	PPT/Lecture		CO 4
54	Technical progress and factor shares	PPT/Lecture	Demo video	CO 4
55	Ricardian theory of distribution	PPT/Lecture		CO 4
56	Marxian theory of distribution	PPT/Lecture		CO 4
57	Kalecki on distribution	PPT/Lecture		CO 4
58	Kaldor- distribution theory	Lecture		CO 4
59	Monopoly power & distribution	PPT/Lecture		CO 4
MODULE IV				
60	Partial vs general equilibrium	PPT/Lecture		CO 4
61	General equilibrium model	PPT/Lecture		CO 4
62	General equilibrium model	PPT/Lecture		CO 4
63	General equilibrium model			
64	Existence of equilibrium			
65	Uniqueness and stability	PPT/Lecture		CO 5
66	Evaluation of General equilibrium model			CO 5
67	Welfare economics			CO 5
68	Importance of welfare economics		Video	CO 5
69	Pareto welfare criterion	PPT/Lecture		CO 5
70	CIA II			
71				
72				
73				
74				
75	Contract curve of exchange	PPT/Lecture		CO 5
76	Conditions for maximum welfare	PPT/Lecture		CO 5
77	New welfare economics	PPT/Lecture	Video	CO 5
78	Kaldor- compensation criterion	PPT/Lecture		CO 6
79	Kaldor- compensation criterion	PPT/Lecture		CO 6
80	Hicksian compensation criterion	PPT/Lecture		CO 6
81	Scitovsky criterion	PPT/Lecture		CO 6
82	Bergson-Samuelson SWF	Lecture		CO 6
83	Theory of second best	Lecture		CO 6
84	Impossibility theorem	Lecture		CO 6
85	Sen's theory welfare	PPT/Lecture	Group Discussion	CO 6
86	Rawls Theory of Justice	PPT/Lecture		CO 6
87	revision			
88	revision			

89	revision			
90	revision			

INDIVIDUAL ASSIGNMENTS/SEMINAR – Details & Guidelines

	Date of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc)	Course Outcome
1	8/12/2018	Explain managerial theories of a firm	CO4
2	2/2/2019	Presentation on “Rawls Theory of Justice”	

GROUP ASSIGNMENTS/ACTIVITES – Details & Guidelines

	Date of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc)	Course Outcome
1	11/1/2019	Debate on “Marx Contributions & their Relevance Today”	CO1, CO6

References

- Koutsoyiannis A. (1979), Microeconomic Theory (2nd edition), Macmillan, London (Chapter 2, 3, 4)
- 2. Hal R. Varian- Intermediate microeconomics – A Modern Approach, East-West Press Pvt.Ltd, New Delhi, 2010
- 3. Pindyck and Rubinfeld(2006) Microeconomics, Prentice Hall of India Ltd, New Delhi, (Chapter 4,5,7)

Web resource references:

- <https://www.thoughtco.com/online-microeconomics-textbook-1147732>

PROGRAMME	MASTER OF ECONOMICS	SEMESTER	2
COURSE CODE AND TITLE	16P2ECOT07: ADVANCED MACRO ECONOMIC THEORY AND POLICY	CREDIT	4
HOURS/WEEK	5	HOURS/SEM	90
FACULTY NAME	Dr. K V Raju		

	COURSE OUTCOME	POs/PSOs	CL	KC	Class Sessions
CO1	Compares Classical and Keynesian Approaches to Inflation and Understands the Phillips Curve	PO1, PSO1, PSO5	A	C	20
CO2	Analyse modern developments in classical macroeconomics.	PO1, PSO1, PSO5	A	C	10
CO3	Analyse modern developments in new classical macro economics	PO5, PSO1, PSO5	A	C	20
CO4	Develops an understanding about dynamically stochastic general equilibrium model	PO5, PSO1, PSO5	U	C	5
CO5	Analyse the modern developments in Keynesian school	PO5, PSO1, PSO5	A	C	25
CO6	Evaluate the policy implications of post Keynesian theories	PO5, PSO1, PSO5	E	C	10
TOTAL HOURS OF INSTRUCTION					90

CL* Cognitive Level

CO - PO/PSO Mapping

	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO5
CO 1	2					2				3
CO 2	2					2				3
CO 3					3	2				3
CO 4					3	2				3
CO 5					3	2				3
CO6					3	2				2

Mapping Strength

- 0- No Mapping strength
- 1- Low
- 2- Medium
- 3- High

SESSION	TOPIC	LEARNING RESOURCES	VALUE ADDITIONS	COURSE OUTCOME
MODULE I				
1	Introduction to concept of inflation	PPT/Lecture		CO 1
2	Classical approach to inflation	PPT/Lecture		CO 1
3	Keynesian approach to inflation	PPT/Lecture		CO 1
4	Monetarist approach to inflation	PPT/Lecture		CO 1
5	Structuralist theory of inflation	Lecture/discussion		CO 1
6	Inflation targeting	PPT/Lecture		CO 1
7	Phillips Curve	Lecture		CO 1
8	Short run Phillips Curve	Lecture/discussion		CO 1
9	Long run Phillips Curve	Lecture		CO 1
10	The Natural Rate of Unemployment	Lecture/discussion		CO 1
11	Adaptive Expectation Hypothesis	PPT/Lecture		CO 1
12	Augmented Phillips Curve	PPT/Lecture		CO 1
13	Tobin's Modified Phillips Curve	PPT/Lecture		CO 1
14	NAIRU	PPT/Lecture		CO 1
15	Cost of Inflation	PPT/Lecture		CO 1
16	Anti-inflationary Measures.	PPT/Lecture		CO 1
17	Discussion- Anti inflationary measures	PPT/Lecture		CO 1
18	Revision	PPT/Lecture		CO 1
19	Revision	PPT/Lecture		CO 1
20	Revision	PPT/Lecture		CO 1
MODULE II				
21	Introduction to classical school	PPT/Lecture		CO2
22	Modern developments in Macro economics	PPT/Lecture		CO2
23	The New Classical Macroeconomics	PPT/Lecture		CO2
24	Monetarism	PPT/Lecture		CO2
25	Monetarist-Fiscalist debate on Policy Activism	PPT/Lecture		CO2
26	Monetarist-Fiscalist debate on Policy Activism	PPT/Lecture		CO2
27	Cold Turkey vs Gradualism	PPT/Lecture		CO2
28	Taylor's Rule .	PPT/Lecture		CO2
29	Revision	Disussion		
30	Revision	Disussion		
MODULE III				
31	New Classical Macroeconomics	PPT/Lecture		CO3
32	New classical economics- discussion	PPT/Lecture		CO3
33	Rational Expectations Hypothesis	PPT/Lecture		CO3
34	Rational Expectations Hypothesis	PPT/Lecture		CO3
35	Monetary surprise model	PPT/Lecture		CO3
36	Inter-temporal substitution model	PPT/Lecture		CO3
37	Inter-temporal substitution model	PPT/Lecture		CO3
38	Ineffectiveness proposition	PPT/Lecture		CO3
39	Lucas critique.	PPT/Lecture		CO3
40	Supply Side Economics	PPT/Lecture		CO3
41	Supply Side Economics	PPT/Lecture		CO3
42	Supply Shocks and Stagflation	PPT/Lecture		CO3
43	Wedge Model	PPT/Lecture		CO3
44	Laffer Curve	PPT/Lecture		CO3

45	Policy Implications.	PPT/Lecture		CO3
46	Real Business Cycle Theory.	PPT/Lecture		CO3
47	Real Business Cycle Theory.	PPT/Lecture		CO3
48	The Dynamically Stochastic General Equilibrium model.	PPT/Lecture		CO4
49	The Dynamically Stochastic General Equilibrium model.	PPT/Lecture		CO4
50	Revision			
51	Revision			
52	Seminar			
53	Seminar			
54	Seminar			
55	Seminar			
MODULE IV				
56	Introduction to Keynesian school	PPT/Lecture		CO5
57	Neo-Keynesianism	PPT/Lecture		CO5
58	Disequilibrium Models-Introduction	PPT/Lecture		CO5
59	R. W. Clower and Leijonhufvud	PPT/Lecture		CO5
60	R. W. Clower and Leijonhufvud	PPT/Lecture		CO5
61	R. W. Clower and Leijonhufvud	PPT/Lecture		CO5
62	Dual Decision Hypothesis	PPT/Lecture		CO5
63	Dual Decision Hypothesis	PPT/Lecture		CO5
64	Quantity Constrained Model of Malinvaud and Barro	PPT/Lecture		CO5
65	Quantity Constrained Model of Malinvaud and Barro	PPT/Lecture		CO5
66	Co-Ordination Failure.	PPT/Lecture		CO5
67	Fundamental arguments of Post – Keynesians	PPT/Lecture		CO5
68	Kalecki's Pricing Model	PPT/Lecture		CO5
69	Kalecki's Pricing Model	PPT/Lecture		CO5
70	Financial Instability model ofHymn Minsky.	PPT/Lecture		CO5
71	Financial Instability model ofHymn Minsky.	PPT/Lecture		CO5
72	Financial Instability model ofHymn Minsky.	PPT/Lecture		CO5
73	Financial Instability model ofHymn Minsky.	PPT/Lecture		CO5
74	New Keynesian Macroeconomics	PPT/Lecture		CO5
75	New Keynesian Macroeconomics	PPT/Lecture		CO5
76	Nominal Rigidities	PPT/Lecture		CO5
77	Real Rigidities	PPT/Lecture		CO5
78	Sticky Price(Menu Cost) Model	PPT/Lecture		CO5
79	Efficiency Wage Hypothesis	PPT/Lecture		CO5
80	Insider-outsider Model	PPT/Lecture		CO5
81	Hysteresis	PPT/Lecture		CO5
82	Policy Implications	PPT/Lecture		CO6
83	Policy Implications	PPT/Lecture		CO6

84	Revision	Disussion		
85	Revision	Disussion		
86	Seminar			
87	Seminar			
88	Seminar			
89	Seminar			
90	Seminar			

INDIVIDUAL ASSIGNMENTS/SEMINAR – Details & Guidelines

	Date of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or Non-graded etc)	Course Outcome
1	13/01/2019	PHILIPS CURVE	CO 2
2	16/02/2019	EFFICIENCY WAGE HYPOTHESIS	CO 5

REFERENCES:-

1. Gregory Mankiw, N (2010): Macroeconomics, 7th Ed, Worth Publishers, Dufield, U.K.
2. Kamran Dadkhah (2010): The Evolution of Macroeconomic Theory and Policy, Springer, London.
3. Rudiger Dornbusch, Stanley Fisher and Richard Startz (2007) 7th Ed: Macroeconomics, TMH, New Delhi
4. Rosalind Levacic and Alexander Rebmann (2006): Macroeconomics: An Introduction to Keynesian-Neoclassical Controversies, MacMillan, New York.
5. Richard T. Froyen (2008) L: Macroeconomics-Theories and Policies, Pearson, Singapore.
6. Garner Ackley (1989): Macroeconomics: Theory and Policy, Collier MacMillan, New York.
7. A.J. Westaway and T.G.Weyman Johnes (1978): Macroeconomics, Theory, Evidence and Policy, Longman, New York.
8. Andrew B. Abel and Ben S. Bernanke (2010): Macroeconomics 4th Ed. Pearson, Singapore.
9. Olivier Blanchard (2011): Macroeconomics 4th Ed-Pearson, Singapore.
10. Errol D'Souza (2008): Macroeconomics, Pearson, Singapore.
11. Lefteris Tsoulfidis : (2010), Competing Schools of Economic Thought, Springer, London.
12. Brian Snowdon and Howard R.Vane (*Ed*) (2003): A Macroeconomics Reader, Routledge, London.
13. Brian Snowdon, Howard Vane and Peter Wynarczyk (2002): A Modern Guide to Macroeconomics: An Introduction to Competing Schools of Thought, Aldershot, England.
15. James K. Galbrith and William Darity, Jr (1994): Macroeconomics-Houghton , Boston, USA.
16. Ben J. Heijdra Frederick van der Ploeg (2002): Macroeconomics OUP, London.
17. Rosalind Levacic and Alexander Rebmann (2006): Macroeconomics: An Introduction to Keynesian-Neoclassical Controversies, MacMillan, New York.
18. Garner Ackley (1989): Macroeconomics: Theory and Policy, Collier MacMillan, New York.
19. A.J. Westaway and T.G.Weyman Johnes (1978): Macroeconomics, Theory, Evidence and Policy, Longman
20. Ben J. Heijdra Frederick van der Ploeg (2002): Macroeconomics, OUP, London..
21. Ott, D.J, Ott, A.E and Yoo J.H (1975): Macroeconomic theor, Mc GrawHill, New York.
22. M.J.C. Surrey (1976): Macroeconomic Themes, Wiley Eastern, Singa

PROGRAMME	MASTER OF ARTS - ECONOMICS	SEMESTER	2
COURSE CODE AND TITLE	16P2ECOT08 – INDIAN ECONOMY: ISSUES AND POLICIES – II	CREDIT	4
HOURS/WEEK	5	HOURS/SEM	90
FACULTY NAME	Dr. Siby Abraham		

COURSE OUTCOMES

	Course Outcome	POs/PSO	CL
CO1	Understand the basic characteristics of Indian economy and analyze its problems and prospects.	PO1, PSO2	U, An
CO2	Understand the nature of demographic profile, the causes and the effect of population growth and its distribution in India.	PO1, PSO2	U
CO3	Understand the labour market trends and evaluate the employment scenario in the country.	PO1, PO2, PSO5	U, E
CO4	Analyze the magnitude of poverty and inequality in India and the poverty alleviation measures in the country.	PO1, PSO3	An
CO5	Develop knowledge of India's fiscal and financial sector reforms and evaluate the structure and direction of India's foreign trade.	PO1, PSO3	A, E
CO6	Analyse the characteristics, structural changes, emerging trends and issues of Kerala Economy.	PO1, PSO3	An

CL* Cognitive Level

R- Remember

U- Understand

B- Apply

An- Analyze

E- Evaluate

Cr- Create

CO - PO/PSO Mapping

	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	2						2			
CO 2	2						2			
CO 3	3						2			1
CO 4	3							2		
CO 5	2							2		
CO 6	3							3		

Mapping Strength

0. No Mapping strength
1. Low
2. Medium
3. High

SESSION	TOPIC	LEARNING RESOURCES	VALUE ADDITIONS	COURSE OUTCOME
MODULE I				
1	India's demographic profile	PPT		CO1, CO2
2	Population growth pattern and implications	PPT/Lecture	Quiz	CO 2
1	Demographic dividend	PPT/Lecture		CO2
2	Rural urban migration	PPT/Lecture		CO2
1	<i>Population policies</i>	PPT/Lecture		CO 2
2	Trends in employment	PPT/Lecture		CO1, CO3
2	Unemployment, Nature and Policies	Lecture	Video	CO 3
1	Recent employment guarantee programs	Lecture		CO 3
1	Changing Nature of Labour Market, Reforms	Lecture		CO 3
1	Minimum wages act	PPT/Lecture		CO3
1	Cooperative movement in India	Lecture		CO3
1	Revision	Q&A		
1	Question paper discussion			
3	Seminar sessions			
MODULE II				
2	Social aspects: recent trends. Implications and policies	PPT/Lecture		CO1, CO4
1	Poverty: meaning & concepts	Lecture		CO 4
2	Inequality: meaning, measurement of inequality	Lecture		CO1, CO4
2	Regional imbalances	Lecture		CO 4
1	IAT - 1	PPT/Lecture	Video	
2	Migration, child labour	PPT/Lecture		CO 4
2	Gender, caste, governance, corruption	PPT/Lecture		CO 4
2	Environment, natural resources	PPT/Lecture		CO 4
2	Adivasis, Rights to Forests	Lecture		CO 4
1	Issues in competition and safety nets.	Lecture		CO 4
1	Revision	PPT		
2	Seminar session	PPT		
MODULE III				
1	Fiscal deficit, trend and significance	PPT/Lecture		CO 5
2	Fiscal policy, critical appraisal	PPT/Lecture		CO 5
2	Parallel economy	PPT/Lecture	Quiz	CO 5
1	Indian Financial system	Lecture		CO 5
2	Role of RBI	Lecture		CO 5
2	Banking and insurance	PPT/Lecture	Video	CO 5
2	Capital Market	PPT/Lecture		CO 5
1	Monetary & Fin. Sector Reforms: critical appraisal	Lecture		CO 5
1	Financial inclusion	Lecture		CO 5
2	Analysis of Price behaviour, Inflationary Trends	PPT/Lecture		CO 1
1	Petroleum product pricing	Lecture		CO 1
2	Structure and direction of India's foreign trade	Lecture		CO 5

1	Export-import policy	Lecture		CO 5
1	Introduction of FEMA	PPT/Lecture		CO 5
1	Post '90 trends in India's Balance of Payments	PPT/Lecture		CO 5
1	Trends in exchange rates, policies	PPT/Lecture		CO 5
2	MNCs in India	Lecture		CO 5
1	Revision	PPT/Lecture		
2	IAT – II			
2	Seminar sessions			
MODULE - IV				
1	Kerala economy: growth & structure	Lecture		CO 6
2	Globalization (WTO, ASEAN) & Kerala's Agriculture	PPT		CO 6
1	Industrial Backwardness- Hypotheses - Policies	Lecture	Video	CO 6
2	Service sector, sources of growth	Lecture		CO 6
1	Construction, Tourism, energy	PPT/Lecture		CO 6
1	Trade & Transport	PPT/Lecture		CO 6
1	Information Technology in Kerala	Lecture		CO 6
1	Migration: Dimension, Impact	PPT/Lecture		CO 6
1	HR Development: Issues & policies	Lecture		CO 6
1	Unemployment: Trend, causes, remedial measures	PPT/Lecture		CO 6
1	Environment degradation	Lecture		CO 6
2	Fiscal crisis in Kerala	Lecture		CO 6
1	Migrant labourers	Lecture		CO 6
1	Kerala in a globalized environment	PPT/Lecture	Quiz	CO 6
2	Seminar session			
1	Revision			
Total = 90 sessions				

INDIVIDUAL ASSIGNMENTS/SEMINAR – Details & Guidelines

	Date of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or non-graded etc)	Course Outcome
1	06/1/2019	Role and Significance of Indian Financial System	CO 5
2	27/1/2019	Meaning and Measurement of Poverty and Inequality in India.	CO 3

GROUP ASSIGNMENTS/ACTIVITIES – Details & Guidelines

	Date of completion	Topic of Assignment & Nature of assignment (Individual/Group – Written/Presentation – Graded or non-graded etc)	Course Outcome
1	10/2/2020	Problems and Prospects of Kerala Economy	CO 6

References

1. Mahendra K Premi (2009), India's Changing Population Profile, National Book Trust, New Delhi
2. Jagdish N. Bhagwati, Arvind Panagariya, (2013) Why Growth Matters: How Economic Growth in India Reduced Poverty and the Lessons for Other Developing Countries, Public Affairs, New Delhi.
3. Radhakrishna R, Shovan Roy (Eds) (2005) Handbook of Poverty in India, Oxford University Press, New Delhi
4. Uma Kapila, (2015) Indian Economy Performance And Policies, 15th edition, Academic Foundation-New Delhi
5. Jayaraj D, Subramanian S (2010) Poverty, Inequality and Population, Oxford University Press, New Delhi.
6. Gaurav Datt & Ashwini Mahajan, (2013) Indian Economy, 70th edition, S Chand Publishers, New Delhi.
7. Nagaraj R. (ed.) (2012) Growth, Inequality and Social Development in India: Is Inclusive Growth Possible? Geneva: Palgrave MacMillan
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9. Gaurav Datt & Ashwini Mahajan, (2013) Indian Economy, 70th edition, S Chand Publishers, New Delhi.
10. Amartya Sen (2001) Development as Freedom, Oxford University Press, New Delhi
11. Aswini Deshpande (2011) The Grammar of Caste, Oxford University Press, New Delhi
12. Sivaramakrishnan KC, Amitabh Kundu, (2005) Handbook of Urbanization, Oxford University Press, New Delhi
13. B A Prakash (1999), Kerala's Economy: Performance, Problems, Prospects, SAGE Publications,
14. M. A. Oommen (2008) Reforms and the Kerala Model, Economic and Political Weekly, Vol. 43, No. 2 (Jan. 12 - 18, 2008).

PROGRAMME	MA ECONOMICS	SEMESTER	2
COURSE CODE AND TITLE	16P2ECOT09: ECONOMICS OF DEVELOPMENT AND GROWTH- II	CREDIT	4
HOURS/WEEK	5	HOURS/SEM	90
FACULTY NAME	VINIL K V, SIBY ABRAHAM		

	COURSE OUTCOMES	PO/ PSO	CL
CO 1	Critically evaluates theories of growth and development	PO1, PO3, PSO2, PSO3	E
CO 2	Examine the role of international trade on economic development across countries	PO1, PO3, PSO2, PSO3	U
CO 3	Develop knowledge regarding effective resource allocation to facilitate economic growth	PO1, PO3, PSO2, PSO3	An
CO 4	Analyse the factors which ensure environmental sustainability along with growth	PO1, PO3, PSO2, PSO3	An

CL* Cognitive Level

R- Remember

U- Understand

C- Apply

An- Analyze

E- Evaluate

Cr- Create

CO - PO/PSO Mapping

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO 1	2		1					2	3			
CO 2	2		1					2	3			
CO 3	2		2					3	3			
CO 4	2		3					3	3			

Mapping Strength

0- No Mapping strength

1- Low

2- Medium

3- High

SESSION	TOPIC	LEARNING RESOURCES	VALUE ADDITIONS	COURSE OUTCOME
Module I				
1	Balanced Growth	Lecture	Online resource	CO 1
2	Unbalanced Growth	PPT/Lecture	Research article	CO 1
3-4	Lewis model of unlimited supply of labour	PPT/Lecture		CO 1
5-6	Fei-Ranis Model	Lecture		CO 1
7	Introduction to Migration	PPT/Lecture	Online resource	CO 1
8-9	Todaro & Harris-Todaro Models	Lecture	Research article	CO 1
10	Choice of technique- Intermediate technology	Lecture	Research article	CO 1
11	Embodied and disembodied technological change	Lecture	Research article	CO 1
12-13	Capital output ratio.	Lecture	Research article	CO 1
Module II				
14-15	Golden age growth model of Joan Robinson	Lecture		CO2
16-17	Growth Model of Kaldor	PPT/Lecture		CO2
18-19	Harrod- Domar Growth Model	PPT/Lecture	Online resource	CO2
20-21	Solow Model of Growth	PPT/Lecture	Research article	CO2
22-23	New Endogenous Growth Theory	PPT/Lecture	Research article	CO2
24-25	Macroeconomic Determinants of Growth	Lecture	Research article	CO2
26	Mechanisms of catch up.	Lecture	Research article	CO2
27	CIA I			
Module III				
28-29	Trade and development	Lecture	Online resource	CO 3
30-31	Trade liberalization	Lecture	Research article	CO 3
32-33	Exports and growth	Lecture	Online resource	CO 3
34	Prebisch-Singer theses	Lecture	Research article	CO 3
35-37	Neo Classical supply side model	Lecture	Research article	CO 3
38-40	BOP constrained growth model	Lecture	Research article	CO 3
41-43	Virtuous circle model	Lecture	Research article	CO 3
44-45	Trade liberalization and poverty reduction	Lecture	Research article	CO 3
46-47	WTO and developing countries	Lecture	Research	CO 3

			article	
Module IV				
48-50	Cost- benefits analysis	Lecture		CO 4
51-52	Shadow prices	Lecture	Research article	CO 4
53-54	Monetary policies in economic development	Lecture	Online resource	CO 4
55-57	Fiscal policies in economic development	Lecture	Online resource	CO 4
58-60	Uses of input-output analysis in planning	Lecture	Online resource	CO 4
61-63	Uses linear programming in development	Lecture	Online resource	CO 4
64	CIA II			
65-72	Seminars			
73 – 90	Revision			

INDIVIDUAL ASSIGNMENTS

	Topic of Assignment	Course Outcome
1	Examine the direction of India's trade and analyse its contribution to the development of the country	CO 3
2	Analyse a model project appraisal and explain how it is being calculated.	CO5

References

1. Ray Debraj : Development Economics, Oxford, University Press 1999
2. Meier M. Gerald and Rauch: Leading issues in Economic Development Oxford University Press.(2000)
3. Thirlwall. A: Growth and Development with special Reference to developing economies Palgrave Macmillan (2009)
4. 4. Todaro M.P. D. Smith S.C : Economic development (8th Edition Person Education, Indian branch, Delhi
5. 5. Todaro M.P.: Economic development in the third World. (4th Edition 1991) Longman, Singapore.

PROGRAMME	MA ECONOMICS	SEMESTER	2
COURSE CODE AND TITLE	16P2ECOT10 - STATISTICAL TOOLS FOR ECONOMIC ANALYSIS	CREDIT	3
HOURS/WEEK	5	HOURS/SEM	90
FACULTY NAME	Dr.LakshmiPriya R		

Course outcomes

	COURSE OUTCOME	POs/PSOs	CL
CO1	Understand the concepts of Probability, Random variables- Discrete and continuous types, probability distribution functions and its properties	PO1/PSO1	U
CO2	Understand Mathematical Expectation, moments. Standard distributions –binomial, Poisson, normal and lognormal distributions	PO1/PSO1	U
CO3	Understand and apply Central limit theorem	PO1/PSO1	U/A
CO4	Understand Population and Sampling, Determination of sample size, Sampling distributions - Statistic, sampling distributions of sample mean	PO1/PSO1	U
CO5	Applications of Sampling distributions –Chi square, t and F distributions	PO5/PSO1	A
CO6	Understands Estimation - point and interval estimation. Method of Estimation, Maximum Likelihood Estimation and Method of moments. Confidence interval for the mean of a population using small and large samples.	PO1/PSO1	U
CO7	Understand null and alternative hypotheses, simple and composite hypotheses, one tailed and two tailed tests. Type I and Type II errors. Critical and acceptance regions of a test, significance level and power of a test. Testing the mean of a population, large sample tests and small sample tests, Testing the difference between two means of independent and paired samples, testing the proportion of a population, Chi-square test of independence. Non parametric tests, Sign test, Wilcoxon Matched Pairs test, (or Signed rank Test), run test, Fisher –Irwin test, Mann –Whitney test, Kendall's Coefficient of Concordance and Kruskal-Wallis test.	PO1/PSO1	A
CO8	Applications of parametric and non-parametric tests	PO5/PSO1	U

CL* Cognitive Level

R- Remember

U- Understand

A- Apply

An- Analyze

E- Evaluate

Cr- Create

CO - PO/PSO Mapping

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PSO 1	PSO 2	PSO 3	PSO 4	PSO5
CO 1	2						2				
CO 2	2						3				
CO 3	3						3				
CO 4	3						3				
CO 5					3		3				
CO6	2						3				
CO7					3		3				
CO8					3		3				

Mapping Strength

0. No Mapping strength

1- Low

2- Medium

3- High

COURSE PLAN

SESSION	TOPIC	LEARNING RESOURCES	VALUE ADDITIONS	COURSE OUTCOME
1	Bridge course (1)	PPT	video	CO 1
2	Introduction to probability	PPT/Lecture		CO 1
3	Understand the concepts of Probability	PPT/Lecture		CO 1
4	Random variables- Discrete and continuous types	PPT/Lecture	e-resource	CO 1
5	probability distribution functions and its properties	PPT/Lecture		CO 1
6	problems on probability	PPT/Lecture		CO 1
7	properties of probability	Lecture		CO 1
8	Understand Mathematical Expectation	Lecture		CO 1
9	Mathematical expectation problems	Lecture		CO 1
10	Moments and properties.	Lecture		CO 1
11	Standard distributions	PPT/Lecture		CO 1
12	Binomial distribution	PPT/Lecture		CO 1
13	problems on Binomial distribution	PPT/Lecture		CO 2
14	problems on Binomial distribution			CO 2

15	Poission Distribution	PPT/Lecture		CO 2
16	Problems on poission Distribution	Lecture		CO2
17	Problems on poission Distribution	Lecture		CO2
18	Normal distribution	Lecture		CO 2
19	Properties of Normal distribution	Lecture		CO 2
20	problems on Normal distribution	Lecture		CO 2
21	problems on Normal distribution	Lecture		CO 2
22	problems on Normal distribution	Lecture		CO 2
23	Normal distribution extra questions	Lecture		CO 2
24	lognormal distribution	Lecture		CO2
25	properties of lognormal distribution	Lecture		CO 2
26	problems on lognormal distribution			CO 2
27	Understand and apply Central limit theorem	Lecture		CO 3
28	Problems	Lecture		CO 3
29	Understand Population and Sampling	PPT/Lecture		CO 3
30	Determination of sample size and sampling distribution	PPT/Lecture		CO 3
31	Sampling distribution	PPT/Lecture		CO 3
32	understanding Statistic			CO 3
33	Sampling distribution of sample mean	Lecture		CO 4
34	Applications of sampling distribution	Lecture		CO4
35	Problems	Lecture		CO 4
36	Chi square distribution	Lecture	Quiz	CO 5
37	problems on chi square distribution	Lecture	Q & Ans Session	CO 5
38	students t distribution	Lecture		CO 5
39	problems on students t distribution	Lecture		CO 5
40	F Distribution	Lecture		CO 5
41	properties of F distribution	Lecture		CO 5
42	problems on F distribution	Lecture		CO 5
43	Understands Estimation	Lecture		CO 5
44	point estimation	Lecture		CO 5
45	Interval estimation	Lecture		CO 5
46	Method of Estimation,	Lecture		CO 5
47	Maximum likelihood estimation	Lecture		CO 6
48	problems on Maximum likelihood estimation	Lecture		CO 6
49	Method of moments	Lecture		CO 6
50	problems on method of moments	Lecture		CO 6
51	Confidence interval for the mean of a population using small and large samples.	Lecture		CO 6
52	Understand null and alternative hypotheses	PPT/Lecture	Video	CO 6
53	simple and composite hypotheses	PPT/Lecture		CO 6

54	one tailed and two tailed tests.	PPT/Lecture		CO 6
55	Type I and Type II errors			CO6
				CO6
56	problems on test of hypothesis	Lecture	Debate	CO 7
57	Critical and acceptance regions of a test	PPT/Lecture		CO 7
58	significance level and power of a test	PPT/Lecture		CO 7
59	extra problems	PPT/Lecture		CO 7
60	Testing the mean of a population	PPT/Lecture		CO 7
61	large sample tests	PPT/Lecture		CO 7
62	small sample tests	PPT/Lecture		CO8
63	problems on small sample test	Lecture		CO 7
64	Testing the difference between two means of independent and paired samples	Lecture		CO 7
65	problems on testing	Lecture		CO 7
66	testing the proportion of a population	Lecture		CO 7
67	Chi-square test of independence	Lecture		CO 7
68	Non parametric tests, Sign test,	Lecture		CO8
69	run test, Fisher –Irwin test, Mann – Whitney test,	Lecture		CO6
70	Kendall’s Coefficient of Concordance and Kruskal-Wallis test.	Lecture		CO 7
71	Applications of non parametric tests	Lecture		CO8
72-90	Revision			

Sl No	Module	Topic	Nature of Assignment	Alignment with POs, PSOs and COs
1	1	PROBABILITY DISTRIBUTIONS	Moodle	PSO1/CO1
2	1	SAMPLING DISTRIBUTIONS	written	PSO1/CO4
3	3	NON PARAMETRIC TESTS	written	PSO1/CO8
4		Question paper answering	written	PSO1/CO1,CO2,CO3,CO4,CO5,CO6,CO7,CO8,CO9

Reference Books

1. Anderson, Sweemny and Williams Statistics for Business and Economics, 12th Edition, South-Western, 2016.
2. McClave , Benson and Sincich , A First Course in Business Statistics, 8th Edition, Prentice Hall., 2012
3. Lind A Douglas.,Marchal G William and Wathen A Samuel: Basic Statistics for Business and Economics, 5th Edition, McGraw Hill International Edn,2016
4. Mendenhall William., Beaver J Robert and Beaver M Barbara: Introduction to Probability and Statistics, 12th Edition, Thomson Brooks/Cole Publishers
5. Moore , McCabe, Alwan, Craig and Duckworth , The practice of Statistics for Business and Economics, H Freeman and Company, 2011.
6. Gupta S C and Kapoor V K: Fundamentals of Mathematical Statistics,11th Edition, Sulthan Chand and sons, New Delhi
7. Ross S: A first course in Probability, 3rd edition, Mac Millan New York 1985
8. Mendenhall William, Beaver J Robert and beaver M Brabara, Introduction to probability and statistics, 12th Edition, Thomas Books/ Cole Publishers, 2016.
9. Gerald Keller, Statistics for Management and Economics, 9th Edition , South Western, 2012.
10. Joseph F Healey , Statistics: A Tool for Social Research 8th Edition, Wardworth, 2012.
11. Sheldon M Ross, Introductory Statistics, 5th Edition, Associate Press, 2016.
12. Peter J Diggle and Amanda G Chetwynd, Statistics and Scientific Method: An Introduction for Students and Researchers, Oxford University Press, 2011.
13. Roxy Peck and Jay Devore , Statistics: The Exploration and Analysis of Data, 8th Edition Cengage, 2014.
14. Ronald MWeiers, Introduction to Business Statistics, 7th edition, South Western, 2010.